•			<u> </u>
Form PTO-1449	Serial Number 09/550,505	Docket PD-990185	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Applicant D. C. D. Chang et al.		
(Pseseveral sheets if necessary)	Filing Date April 17, 2000	Group 2663	

0 9 500	U.S. PATENT DOCUMENTS						
1	La Document	Date Issued	Name	Class	Sub Class		
3000	Number		Andreas				
3475	3,384,891	05/21/68	Anderson				
	3,544,995	12/01/70	Bottenberg et. al	RECEIVED			
1 _	4,161,734	07/17/79	Anderson	ASUSIVE			
	4,613,864	09/23/86	Hofgen	APR 1 0 2002			
	4,819,227	4/ 4 /89	Rosen	,			
1	4,979,170	12/18/90	Gilhousen et al.	Technology Center 2600			
T = 1	5,006,855	04/09/91	Braff				
	5,077,562	12/31/91	Chang, et al				
	5,218,619	06/08/93	Dent				
	5,233,626	8/3/93	Ames				
	5,278,863	1/11/94	Briskman				
	5,319,673	6/7/94	Briskman		_		
	5,485,485	1/16/96	Briskman et. al				
1	5,550,809	08/27/96	Bottomley, et al				
	5,555,257	09/10/96	Dent				
	5,572,216	11/05/96	Weinberg et al.				
	5,589,834	12/31/96	Weinberg		_		
	5,592,471	1/7/97	Briskman				
	5,594,941	01/14/97	Dent				
	5,612,701	03/18/97	Diekelman				
1	5,764,188	06/09/98	Ghosh, et al	-			
	5,790,070	08/04/98	Natarajan et al.				
	5,839,053	11/17/98	Bosch et al.				
	5,856,804	01/05/99	Turcotte et al.				
	5,864,579	1/26/99	Briskman				
18	5,903,549	05/11/99	Von der Embse, et al				

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Sub Class
J2	EP 0 776 099 A2	05/28/97	European Patent Office		
	EP 0 860 710 A2	08/26/98	European Patent Office		
	EP 0 845 874 A2	06/03/98	European Patent Office		
R	EP 0837568 A2	04/22/98	European Patent Office		

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

OR.	Chan, K. K., et. al, "A CIRCULARLY POLARIZED WAVEGUIDE ARRAY FOR LEO SATELLITE COMMUNICATIONS", Antennas and Propagation Society, 1999, IEEE International Symposium, vol. 1, 11-16 July 1999, pp.154-157.
	Oodo, M., et. al, "ONBOARD DBF ANTENNA FOR STRATOSPHERIC PLATFORM", 2000 IEEE International Conference on Phased Array Systems and Technology, Proceedings, May 21-25, 2000, pp. 125-128.
SP	Yólosuka/Research Park, "THE FIRST STRATOSPHERIC PLATFORM SYSTEMS WORKSHOP", May 12-13, /1999, pp/ 1-216.
Examiner	Date Considered 19/03

Form PTO-1449			9 9 11 21 11 21 11 21		Docket	cket -990185	
		OOUDE			[10-990	100	
	ORMATION DISCLO		Applicant D. C. D. Chang et al.				
	TEMENT BY APPL				Group		
(Use several sheets if necessary)			1 🗡				
0 9 2002	<u> </u>		April 17, 2000	TC	2003		
	<b>*</b>		U.S. PATENT DOCUMEN	15 			
DEMARK	Document	Date	Na	ame		Class	Sub
DEMARY	Number	Issued					Class
JIL	5,909,460	06/01/99	Dent				
7	5,920,284	07/06/99	Victor			RECE	11/0-
	5,944,770	08/31/99	Enge, et al			RECE	IVED
	5,945,948	08/31/99	Buford, et al			APR 1	2002
	5,969,674	10/19/99	Von der Embse et. al		Ten		2002
	5.974,039	10/26/99	Schilling		700	thnology Co	nter 260
	6,020,845	02/01/00	Weinberg, et al				
	6,138,012	10/24/00	Krutz et. al				
	6,151,308	11/21/00	Ibanez-Meier et al.				
			2				1
- 1	6,295,440	09/25/01	Chang, et al				
JP	6,295,440 6,337,980	09/25/01	Chang, et al	FNTS			
JP		01/08/02	Chang, et al  FOREIGN PATENT DOCUM	<b>ENTS</b> Country		Class	Sub Class
TP	6,337,980 Document	01/08/02	Chang, et al  FOREIGN PATENT DOCUM			Class	
TP 970	6,337,980 Document	01/08/02	Chang, et al  FOREIGN PATENT DOCUM			Class	
TP -	6,337,980 Document	01/08/02	Chang, et al  FOREIGN PATENT DOCUM			Class	
TP	Document Number	01/08/02 Da	Chang, et al  FOREIGN PATENT DOCUM  ate	Country		Class	
TP	Document Number	01/08/02 Da	Chang, et al  FOREIGN PATENT DOCUM	Country	Pages, etc.)	Class	
JP	Document Number	01/08/02 Da	Chang, et al  FOREIGN PATENT DOCUM  ate	Country	Pages, etc.)	Class	
TP .	Document Number	01/08/02 Da	Chang, et al  FOREIGN PATENT DOCUM  ate	Country	Pages, etc.)	Class	
JP .	Document Number	01/08/02 Da	Chang, et al  FOREIGN PATENT DOCUM  ate	Country	Pages, etc.)	Class	
TP -	Document Number	01/08/02 Da	Chang, et al  FOREIGN PATENT DOCUM  ate	Country	Pages, etc.)	Class	
TP -	Document Number	01/08/02 Da	Chang, et al  FOREIGN PATENT DOCUM  ate	Country	Pages, etc.)	Class	
TP .	Document Number	01/08/02 Da	Chang, et al  FOREIGN PATENT DOCUM  ate	Country	Pages, etc.)	Class	
TP	Document Number	01/08/02 Da	Chang, et al  FOREIGN PATENT DOCUM  ate	Country	Pages, etc.)	Class	
Examiner	Document Number	01/08/02 Da	Chang, et al  FOREIGN PATENT DOCUM  ate	Country			Sub Class
	Document Number	01/08/02 Da	Chang, et al  FOREIGN PATENT DOCUM  ate	Country  Date, Pertinent	oidorad		

FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE SATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT TRA (Use several sheets if necessary) E SUBMITTED TO DTO: March 25, 2002

ATTY DOCKET NO. PD-990185

APPLICATION NO. 09/550,505

**APPLICANT** 

DONALD C. D. CHANG, ET AL

FILING DATE

GROUP

arch 25, 2002		April 17, 2000		2	2663
	U.S. PAT	TENT DOCUMENTS			
DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
5,327,455	7/5/94	DeGaudenzi	- "		
			•		
	FOREIG	N PATENT DOCUMENTS			
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ABS
EP1037403 A2	9/20/00	European Patent Office			
EP0776099 A2	5/28/97	European Patent Office			
W096/22661	7/25/96	PCT			
EP0837568 A2	4/22/98	European Patent Office	-		
	OTHE	R DOCUMENT(S)			
			AGES, ETC.		
				-	
	-		·		
/h·	· · · · · · · · · · · · · · · · · · ·	DATE CONSIDER	ED (()/	6/03	
	DOCUMENT NUMBER 5,327,455 DOCUMENT NUMBER EP1037403 A2 EP0776099 A2 W096/22661 EP0837568 A2	DOCUMENT NUMBER 5,327,455 7/5/94  FOREIGE DOCUMENT NUMBER EP1037403 A2 9/20/00  EP0776099 A2 5/28/97  W096/22661 7/25/96  EP0837568 A2 4/22/98  OTHE	U.S. PATENT DOCUMENTS    DOCUMENT   DATE	U.S. PATENT DOCUMENTS	U.S. PATENT DOCUMENTS

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next dominy incation to Applicant.